

## **Chapter 9: References/Design Standards**

All plans, designs, specifications and estimates shall conform to the NCDOT standard practices for highway construction, which are based on the latest edition of the following publications and or materials:

1. **AASHTO** – A policy on Geometric Design of Highways and Streets
2. **AASHTO** – Roadside Design Guide
3. **Manual on Uniform Traffic Control Devices** (MUTCD)
4. **NC Supplement to Manual on Uniform Traffic Control Devices** (MUTCD)
5. **NCDOT** – Standard Specifications for Roads and Structures (mainly Divisions 10, 11, and 12)
6. **NCDOT** – Roadway Standard Drawings (mainly Divisions 11 and 12)
7. **FHA** – MUTCD Standard Highway Signs
8. **Highway Capacity Manual** (All associated software shall be used as applicable, including any modifications as may be directed by NCDOT during the life of the project. See Congestion Management Guidelines for more details)
9. **NCDOT WZTC Design Manual**
10. **MicroStation and GEOPAK software** (see NCDOT web-site)
11. **NCDOT WZTC web-site**